



Practitioner's Docket No. 1012-108D1(2000-098DIV1)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Parent application of: Mansky

Group Art Unit: Unknown

Serial No.: Unknown

Examiner: Unknown

Filed: Herewith

For: HIGH THROUGHPUT MECHANICAL RAPID SERIAL PROPERTY TESTING
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Commissioner for Patents
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Applicants submit this statement in accordance with their duty of disclosure under 37 CFR 1.56 and 1.97-1.98. The submission made herewith is in no way intended as an admission that the cited items constitute material prior art or otherwise would render the claims unpatentable in any way. The submission also is in no way intended to substitute for the Examiner's own independent investigation.

A listing of the references on forms PTO/SB/08A and PTO/SB/08B are submitted herewith. Copies of the references have not been provided due to their presence in the parent application except Chuang, which is newly cited. Applicants respectfully solicit the Examiner's consideration of the cited references and entry thereof into the record of this application.

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Date: 08-18-04

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PTO/SB/08A (10-96)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3

3

of

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Complete if Known

Application Number	09/939,252
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09/939,252

Filing Date	08/24/2001
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08/24/2001

First Named Inventor	Paul Mansky
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Paul Mansky

Group Art Unit	1754
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1754

Examiner Name

Attorney Docket Number 1012-108(2000-089)

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

[illegible]

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Signature

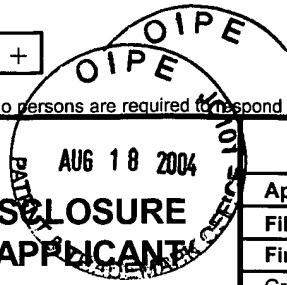
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Sheet	1	of	1	Application Number	09/939,252
				Filing Date	08/24/2001
				First Named Inventor	Paul Mansky
				Group Art Unit	1754
				Examiner Name	
				Attorney Docket Number	1012-108(2000-089)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		5,776,359		Schultz et al.	07/07/1998	
		5,959,297		Weinberg et al.	09/28/1999	
		5,985,356		Schultz et al.	11/16/1999	
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		6,034,240		La Pointe	03/07/2000	
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		6,045,671		Wu et al.	04/04/2000	
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		6,124,476		Guram et al.	09/26/2000	
		6,151,123		Nielsen	11/21/2000	
		6,149,882		Guan et al.	11/21/2000	
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		6,187,164 B1		Warren et al.	02/13/2001	
		6,203,726 B1		Danielson et al.	03/20/2001	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
			WO 00/67086		Symyx Technologies, Inc.	11/09/2000		
			*WO 96/11878		Reg. of the Univ. of California	04/25/1996		
			WO 0036410		Symyx Technologies, Inc.	06/22/2000		
			WO 00/40331		Symyx Technologies, Inc.	07/13/2000		
			*WO 00/51720		Symyx Technologies, Inc.	09/08/2000		
			*WO 00/17413		Symyx Technologies, Inc.	03/30/2000		
			WO 00/23921		Symyx Technologies, Inc.	04/27/2000		

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Attorney Docket Number	1012-108(2000-089)

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		Number	Kind Code ² (if known)			
		6,242,623	B1	Boussie et al.	06/05/2001	
		6,225,487	B1	Guram	05/01/2001	
		6,225,550	B1	Hornbostel et al.	05/01/2001	
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		6,265,226	B1	Petro et al.	07/24/2001	
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		5,999,887		Giannakopoulos et al.	12/07/1999	
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		5,847,283		Finot et al.	12/08/1998	

FOREIGN PATENT DOCUMENTS

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Filing Date	08/24/2001
First Named Inventor	Paul Manksy
Group Art Unit	1754
Examiner Name	
Attorney Docket Number	1012-108(2000-089)

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
		5,817,947		Bergerus	10/06/1998	
		5,723,792		Miyazaki	03/03/1998	
		5,532,942		Kitamura et al.	07/02/1996	
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		4,899,581		Allen et al.	02/13/1990	
		4,715,007		Fujita et al.	12/22/1987	
		4,699,000		Lashmore et al.	10/13/1987	
		4,605,589		Orphanides	08/12/1986	
		4,975,320		Goldstein et al.	12/04/1990	
		6,043,317		Mumick et al.	03/28/2000	

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Date	
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Sheet

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Application Number	09/939.252
Filing Date	08/24/2001
First Named Inventor	Mansky
Art Unit	2855
Examiner Name	Mack
Attorney Docket Number	1012-108

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
		US- 02/0194930	12/26/2002	Crosby et al.	
		US-			
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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				Group Art Unit	1754
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		Number	Kind Code ² (if known)			
		1,870,412		Kennedy	08/09/1932	
		3,071,961		Heigl et al.	01/08/1963	
		3,675,475		Weinstein	07/11/1972	
		3,713,328		Aritomi	01/30/1973	
		3,798,960		Glass	03/26/1974	
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		4,229,979		Greenwood	10/28/1980	
		4,447,125		Lazay et al.	05/08/1984	
		4,517,830		Gunn, deceased et al.	05/21/1985	
		4,567,774		Manahan et al.	02/04/1986	
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		4,680,958		Ruelle et al.	07/21/1987	
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		Office³	Number⁴	Kind Code⁵ (if known)				
			JP402297040A		Akaha Toru	12/07/1990		
			WO 96/11878		The Reg. of the Univ. of Calif.	04/25/1996		
			WO 00/51720		Symyx Technologies, Inc.	09/08/2000		
			WO 00/17413		Symyx Technologies	03/30/2000		
			WO 01/79949 A2		Symyx Technologies, Inc.	10/25/2001		
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			EP 0 317 356 A2		Chichibu Cement Kabushiki	05/24/1989		

Examiner Signature		Date Considered	
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		4,740,078		Daendliker et al.	04/26/1988	
		4,749,854		Martens	06/07/1988	
		4,789,236		Hodor et al.	12/06/1988	
		4,793,174		Yau	12/27/1988	
		4,829,837		Telfer	05/16/1989	
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		5,115,669		Fuller et al.	05/26/1992	
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		5,280,717		Hoseney et al.	01/25/1994	
		5,303,030		Abraham et al.	04/12/1994	
		5,305,633		Weissenbacher et al.	04/26/1994	
		5,452,619		Kawanabe et al.	09/26/1995	

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Sheet	1	of	0	Attorney Docket Number	1012-108(2000-089)

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		*The family of applications for U.S. Application Serial No. 09/211,982 entitled "Parallel Reactor With Internal Sensing" (Turner et al.) filed December 14, 1998	
		*U.S. Application Serial No. 09/235,368 entitled "Polymerization Method From the Combinatorial Synthesis and Analysis of Organometallic Compounds and Catalysts" (Weinberg et al.) filed on January 21, 1999	
		*U.S. Provisional Application Serial No. 60/122,704 entitled "Controlled, Stable Free Radical Emulsion and Water-Based Polymerizations" (Klaerner et al.) filed on March 9, 1999	
		The family of applications for U.S. Application Serial No. 09/156,827 entitled "Formation of Combinatorial Arrays of Materials Using Solution-Based Methodologies" (Giaquinta et al.) filed September 18, 1998	
		*The family of applications for U.S. Application Serial No. 09/567,598 entitled "Polymer Libraries on a Substrate, Method for Forming Polymer Libraries on a Substrate and Characterization Methods with Same" (Boussie et al.) filed May 10, 2000	
		U.S. Application Serial No. 09/579,338 entitled "Rheo-Optical Indexer and Method of Screening and Characterizing Arrays of Materials" (Carlson et al.) filed on May 25, 2000	

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		Application Number	09/939,252
		Filing Date	08/24/2001
		First Named Inventor	Paul Manksy
		Group Art Unit	1754
		Examiner Name	
		Attorney Docket Number	1012-108(2000-089)
Sheet	1	of	0

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		*ODIAN, Principles of Polymerization, 3rd Ed., John Wiley & Sons, Inc. (1991)	
		YOUNG, W.C., Roark's Formulas for Stress and Stain, 1989	
		*TIMOSHENKO, S., Theory of Plates and Shells, McGraw-Hill, New York 1940	
		OSTERBERG, Peter M. and Stephen D. Senturia, "M-TEST: A Test Chip for MEMS Material Property Measurement Using Electrostatically Actuated Test Structures," Journal of Microelectromechanical Systmes, Vol. 6, No. 2, June 1997	
		KIM, J.O. and B. Lewis Slaten, "Objective Assessment of Fabric Handle in Fabrics Treated With Flame Retardants," Journal of Testing and Evaluation, JTEVA, Vol. 24, No. 4, July 1996, pp. 223-228.	
		GROVER, G. et al., "A Screening Technique for Fabric Handle", J. Text. Inst., 1993, 84 No. J. Textile Institute, pp. 486-494.	
		PAN, NING and K.C. Yen, "Physical Interpretations of Curves Obtained Through the Fabric Extraction Process for Handle Measurement," Textile Research Journal 62(5), pp. 279-290 (1992).	
		"Handle-O-Meter", Thwing-Albert Instrument Company, Philadelphia, PA.	
		RAEEL, MASTURA and Jiang Liu, "An Empirical Model for Fabric Hand" Textile Research Journal 62, 1, pp. 31-38 (1991).	
		ALI, S.I. and Shahida Begum, "Fabric Softeners and Softness Perception", Ergonomics, v.37, No. 5, pp. 801-806 (1994).	

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		U.S. Patent Application Serial No. 09/939,404 entitled "High Throughput Mechanical Property and Bulge Testing of Material Libraries," (D. Hajduk et al.) filed on August 24, 2001.	
		U.S. Patent Application Serial No. 09/939,139 entitled "High Throughput Fabric Handle Screening," (M. Kossuth et al.) filed on August 24, 2001.	
		U.S. Patent Application Serial No. 09/939,149 entitled "High Throughput Rheological Testing of Materials," (P. Mansky et al.) filed on August 24, 2001.	
		U.S. Patent Application Serial No. 09/939,263 entitled "High Throughput Mechanical Property Testing of Materials Libraries Using Capacitance," (D. Hajduk et al.) filed on August 24, 2001.	
		U.S. Patent Application Serial No. 09/938,994 entitled "High Throughput Mechanical Property Testing of Materials Libraries Using a Piezoelectric," (D. Hajduk) filed on August 24, 2001.	
		The family of applications for U.S. Patent Application Serial No. 09/580,024 entitled "Instrument for High Throughput Measurement of Material Physical Properties and Method of Using Same," (Carlson, et al.) filed on May 26, 2000	
		*The family of applications for U.S. Patent Application Serial No. 09/174,856 titled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 19, 1998.	
		U.S. Application Serial No. 09/801,165 entitled "Method and Apparatus for Characterizing Materials By Using a Mechanical Resonator" filed March 7, 2001	
		U.S. Application Serial No. 09/578,997 entitled "High Throughput Viscometer and Method of Using Same" filed May 25, 2000	
		*PCT Application No. PCT/US01/11417 entitled "Automated Process Control And Data Management System And Methods", filed 4/6/2001	

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		"DMA 2980 Dynamic Mechanical Analyer," http://www.tainst.com/dma2.html , 12/29/00	
		"Introducing the NEW DMTA V!", http://www.rheometricsscintific.com/dmtaV.htm , 12/29/00	
		"Standard Test Method for Rubber Property-Intrenational Hardness," American Society for Testing and Materials	
		AMITAY-SADOVSKY, ELLA and H. Daniel Wagner, "Evaluation of Young's Modulus of Polymers from Knoop Microindentation Tests" Polymer Communications, 1998, vol. 39, no. 11, pp. 2387-2390.	
		CALLEJA, F.J. BALTA, "Microhardness Studies of Polymers and Their Transitions" TRIP, December 1994, vol. 2, no. 12, pp. 419-425	
		BOWLT, C., "A Simple Capillary Viscometer" Physics Education, March 1975, vol. 10, no. 2, pp. 102-103	
		LACOMBE, ROBERT H. and Jeremy Greenblatt, "Mechanical Propoerties of Thin Polyimide Films" pp. 647-668	
		SHINOZAKI, D.M. and Y. Lu, "Micro-Indentation Relaxation Measurements in Polymer Thin Films" Journal of Electronic Materials, 1997, vol. 26, no. 7, pp. 852-858	
		WIERENGA, P.E. and A.J.J. Franken, "Ultramicroindentation Apparatus for the Mechanical Characterization of Thin Films" J. Appl. Phys., June 15, 1984, 55 (12).	
		European Search Report dated December 10, 2001	
		H.K. Chuang, C. Chiu and R. Paniagua, Avery Dennison, Pasadena, Calif. "Avery Adhesive Test Yields More Performance Data Than Traditional Probe" Adhesives Age September 1997	

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